



October 30, 2013
Revision: REL

Tecumseh Compressor Company

Indoor Condensing Units

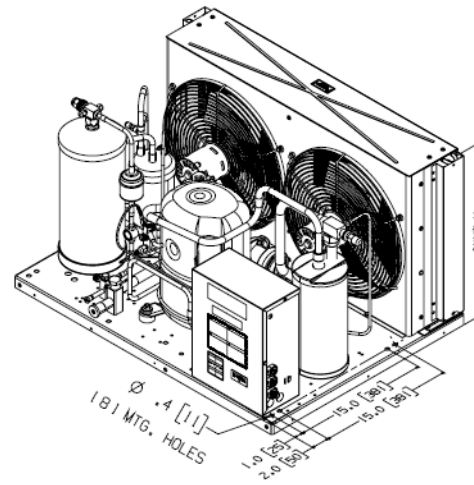
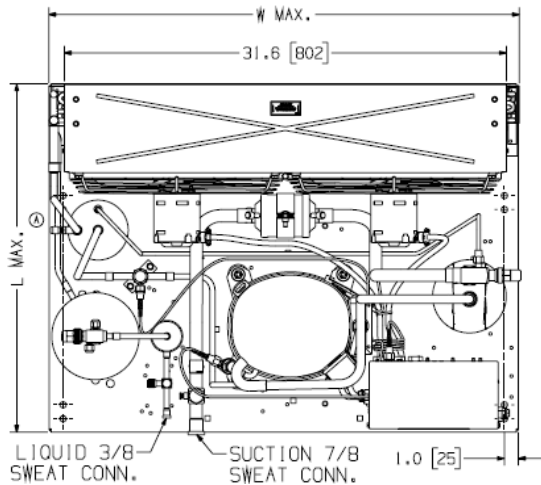
Model: AWG4530EXNXF

BoM: 2C2163-1

R-22

2 1/2 HP

AIRCOOLED



Model	Dimensions, inches				Line Connection*		Pumpdown	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.	Lbs.
AWG4530EXNXF	25.0	33.5	19.5	14.7	7/8" S	3/8" S	20.93 lbs	1850	38.5	220

* F = Flare, S = Solder, RF or RS = Rotolock with Flare or Solder Connections, C = Compression Fitting

Evaporator T		Ambient Temperatures											
		80°F			90°F			100°F			110°F		
°F	PSIG	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T
20	43.0	20241	2551	99	18626	2619	109	16936	2691	118	15309	2767	127
25	48.8	22557	2650	101	20789	2747	111	18967	2832	120	17163	2921	130
30	54.8	24980	2758	103	23046	2881	113	21104	2977	122	19117	3081	132
35	61.5	27510	2876	106	25398	3020	115	23346	3126	124	21174	3245	134
40	68.5	30149	3003	108	27845	3165	118	25693	3278	127	23332	3414	136
45	76.0	32895	3139	111	30387	3315	120	28146	3435	129	25591	3588	139
50	84.0	35748	3285	113	33023	3470	123	30703	3595	132	27952	3767	141
55	92.6	38709	3440	116	35755	3630	126	33366	3758	134	30414	3950	144

60 Hz Performance

Return gas temp. 65°F, 5°F sub-cooling

Specifications/ Parts:

Model	AWG4530EXNXF
Unit Bill of Material	2C2163-1
Nominal Volts-Hz-Ph	208-230-60-1
Refrigeration Range	20° to 55°F
Design Pressure Low	150
Design Pressure High	450
Voltage Range	187 to 254
Min. Circuit Ampacity	19.6
Max. Fuse Size (amps)	30
Compressor Model	AWG5530EXN
Comp. Bill of Material	AW707ET-099-P2
Compressor RLA/LRA	14.4 / 90.0
Overload	INTERNAL
Relay	820ARR3J50
Run Capacitor	85PR370F21
Run Capacitor Rating	45MFD 370V(M)VDE
Start Capacitor	85PS330D17
Start Capacitor Rating	145-175 MFD 330V VDE
Contactor	91014
Unit Drawing	DGU1918-58
Wiring Diagram	91263-02

Fan Motor	810F050C20 (2)
Fan Motor RLA	0.7 Each
Fan Blade	51568-1 (2)
Fan Guard	70831 (2)
Fan Shroud	70648-2
High Pressure Switch	84095-1
Low Pressure Control	84026-2
Oil Separator *	704-00002
Condenser	50858-1
Fan Switch	84096-1
Fan Switch	84096-2
Receiver Tank	51082-1K
Liquid Valve	31592
Liquid Filter *	70081
Sight Glass *	70084
Suction Valve *	31529-1
Rotolock Valve Gasket	30233
Discharge Valve	56596
Suction Filter *	70082
Accumulator *	TK00042000
Crankcase Heater	91022-1
Defrost Timer *	N/A
Suction Shut Off Valve*	56500-K14
Liquid Shut Off Valve*	56500-K06
Shrader Valve Body*	56510
Valve Core*	56552
* = Equipped Units Only	

Electrical Diagram

